

*AMENDMENTS TO THE CLAIMS*

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) ~~A device for~~ An assembly fixing a catheter to a patient, comprising:

a catheter including a supporting base comprising a reservoir having a first end connected to a part of the catheter that is implanted in the patient and a second end connected to at least one external tube that is in fluid communication with the catheter through the reservoir, a fluid flow direction extending from the at least one external tube, through the reservoir, and to the part of the catheter implanted in the patient;

a housing;

a lid closing the housing; and

a base integral to the housing and surrounding the housing, for fixation of the housing to skin of the patient, wherein

the housing comprises first and second chambers which communicate with each other through a passage between the first and second chambers,

the first chamber includes ~~an~~ a bottom wall opening for passage of through which the part of the catheter that is implanted in the patient passes,

the second chamber ~~accommodates a~~ includes a bottom wall,

the supporting base of the catheter ~~and that~~ includes ~~a~~ the reservoir is accommodated partially in the passage between the first and second chambers and partially in the second chamber,

the first end of the reservoir ~~has a first end connected to the catheter is located at the first chamber in the passage and a~~ the second end ~~connected to at least one external tube in fluid communication with the catheter~~ of the reservoir is located in the second chamber,

the supporting base of the catheter includes first and second wings respectively extending, transverse to the fluid flow direction, from opposite lateral faces of the supporting base, and

the lid includes, on an internal face, ~~two~~ first and second pads generally parallel to the fluid flow direction and which, when the lid is closed, penetrate into the second chamber ~~and, respectively bear on~~ contact the first and second wings, ~~holding and hold~~ the supporting base of the catheter against ~~a~~ the bottom wall of the second chamber, ~~when the lid is closed~~.

2. (Currently Amended) The ~~device assembly~~ according to Claim 1, wherein the housing is flat and has a relatively small height with respect to the base, the first chamber and the second chamber are approximately co-planar, and the ~~two~~ first and second pads hold the supporting base of the catheter bilaterally with respect to the bottom wall of the second chamber.

Claim 3 (Cancelled).

4. (Currently Amended) The ~~device assembly~~ according to Claim 2, wherein the passage through which the first and second chambers ~~are separated from each other by a wall having an upper face located in a plane of an upper face of the housing and which comprises a communication passage~~ communicate is defined by two oblique lateral faces which are perpendicular to the bottom wall of the second chamber and converge towards the first chamber, and

the lateral faces of the supporting base of the catheter ~~form an extension having a shape matching~~ are complementary to the lateral faces of the passage so that the supporting base of the catheter partially engages the lateral faces of the passage and is retained in the passage.

5. (Currently Amended) The ~~device~~ assembly according to Claim 1, wherein the first chamber has a bottom wall comprising a relatively thin flexible membrane for fixing to the skin of the patient and the bottom wall opening comprises an orifice for ~~passage of the supporting base of the catheter and~~ in the thin flexible membrane through which the catheter passes.

6. (Currently Amended) The ~~device~~ assembly according to Claim 5, wherein the membrane comprises slits extending from an edge which delimits the orifice.

7. (Currently Amended) The ~~device~~ assembly according to Claim 1, wherein the lid comprises, at the internal face, two external pads which, when the lid is closed, penetrate into the first chamber, ~~are arranged~~ disposed on opposite sides of ~~an additional~~ the part of the catheter that is implanted in the patient, substantially close the first chamber, and rest against the skin of the patient.

8. (Currently Amended) The ~~device~~ assembly according to Claim 7, wherein each ~~additional external pad comprises~~ includes, on a face ~~for contact by~~ contacting the skin, a colloid.

9. (Currently Amended) The ~~device~~ assembly according to Claim 4, wherein the housing comprises, on an upper face, which delimits the second chamber, opposite the communication passage, at least one longitudinal groove, and the internal face of the lid comprises at least one longitudinal groove which is located opposite the groove of the housing, when the lid is closed, ~~to hold a~~ for holding the external tube relative to the housing.

10. (Currently Amended) The ~~device~~ assembly according to Claim 1, wherein the second chamber ~~opens directly into the first chamber and~~ includes a hollow part having a shape cooperating with an identical hollow part defined between the ~~two~~ first

and second pads of the lid to form, when the lid is closed, a recess which matches the supporting base of the catheter ~~for~~, retaining the supporting base in the housing.

11. (Currently Amended) The ~~device~~ assembly according to Claim 5, wherein the base for fixing the housing includes a sheet of flexible material which is molded with the housing and,

~~the faces~~ a face of the bottom wall of the second chamber and a face of the membrane are continuous with the ~~face of the~~ base.

12. (Currently Amended) The ~~device~~ assembly according to Claim 11, wherein the base for fixing the housing comprises at least two support holdfasts, each holdfast having the shape of a human ear.

13. (Currently Amended) The ~~device~~ assembly according to Claim 12, wherein the base for fixing the housing comprises four support holdfasts in the shape of human ears.

14. (Currently Amended) The ~~device~~ assembly according to Claim 1, wherein the lid is articulated to the housing ~~for latching~~ and latches to the housing.

15. (Currently Amended) The ~~device~~ assembly according to Claim 1, wherein the base includes a colloid for fixing the base to the skin of the patient.

Claims 16-21 (Cancelled).

22. (Currently Amended) ~~A device for~~ An assembly fixing a catheter to a patient, comprising:

a catheter including a supporting base comprising a reservoir having a first end connected to a part of the catheter that is implanted in the patient and a second end

connected to at least one external tube that is in fluid communication with the catheter through the reservoir, a fluid flow direction extending from the at least one external tube, through the reservoir, and to the part of the catheter implanted in the patient;

a housing;

a lid closing the housing; and

a base integral to the housing and surrounding the housing, for fixation of the housing to skin of the patient, wherein

the housing comprises first and second chambers which communicate with each other through a passage between the first and second chambers,

the first chamber includes ~~an a bottom wall~~ opening for passage of through which the part of the catheter that is implanted in the patient passes,

the second chamber ~~accommodates a~~ includes a bottom wall,

the supporting base of the catheter and that includes a the reservoir is accommodated partially in the passage between the first and second chambers and partially in the second chamber,

the first end of the reservoir has a first end connected to the catheter is located at the first chamber in the passage and a the second end connected to at least one external tube in fluid communication with the catheter of the reservoir is located in the second chamber,

the supporting base of the catheter includes first and second wings respectively extending, transverse to the fluid flow direction, from opposite lateral faces of the supporting base,

the lid includes, on an internal face, ~~two~~ first and second pads which, when the lid is closed, penetrate into the second chamber and respectively ~~bear on~~ contact the first and second wings, ~~holding and hold~~ the supporting base of the catheter against ~~a the~~ the bottom wall of the second chamber,

the passage through which the first and second chambers are separated from each other by a wall having an upper face located in a plane of an upper face of the housing and which comprises a communication passage communicate is defined

by two oblique lateral faces which are perpendicular to the bottom wall of the second chamber and converge towards the first chamber, and

the lateral faces of the supporting base of the catheter ~~form an extension having a shape matching~~ are complementary to the lateral faces of the passage so that the supporting base of the catheter partially engages the lateral faces of the passage and is retained in the passage.

23. (Currently Amended) ~~A device for~~ An assembly fixing a catheter to a patient, comprising:

a catheter including a supporting base comprising a reservoir having a first end connected to a part of the catheter that is implanted in the patient and a second end connected to at least one external tube that is in fluid communication with the catheter through the reservoir, a fluid flow direction extending from the at least one external tube, through the reservoir, and to the part of the catheter implanted in the patient;

a housing;

a lid closing the housing; and

a base integral to the housing and surrounding the housing, for fixation of the housing to skin of the patient, wherein

the housing comprises first and second chambers which communicate with each other through a passage between the first and second chambers,

the first chamber includes an a bottom wall opening for passage of through which the part of the catheter that is implanted in the patient passes,

the second chamber accommodates a includes a bottom wall,

the supporting base of the catheter and that includes a the reservoir is accommodated partially in the passage between the first and second chambers and partially in the second chamber,

the first end of the reservoir has a first end connected to the catheter is located at the first chamber in the passage and a the second end connected to at least

~~one external tube in fluid communication with the catheter~~ of the reservoir is located in the second chamber,

the supporting base of the catheter includes first and second wings respectively extending, transverse to the fluid flow direction, from opposite lateral faces of the supporting base,

the lid includes, on an internal face, ~~two~~ first and second pads generally parallel to the fluid flow direction and which, when the lid is closed, penetrate into the second chamber ~~and, respectively bear on contact the first and second wings, holding and hold~~ the supporting base of the catheter against ~~a~~ the bottom wall of the second chamber, ~~when the lid is closed,~~ and

the lid comprises, at the internal face, two external pads which, when the lid is closed, penetrate into the first chamber, ~~are arranged~~ disposed on opposite sides of ~~an additional~~ the part of the catheter that is implanted in the patient, substantially close the first chamber, and rest against the skin of the patient.

24. (Currently Amended) ~~The device~~ assembly according to Claim 2, wherein the lateral faces of the supporting base are oblique to each other and the ~~two~~ first and second pads have opposed lateral faces that are oblique to each other and, when the lid is closed, respective lateral faces of the first and second pads press against corresponding lateral faces of the supporting base.

25. (Currently Amended) ~~A device for~~ An assembly fixing a catheter to a patient, comprising:

a catheter including a supporting base comprising a reservoir having a first end connected to a part of the catheter that is implanted in the patient and a second end connected to at least one external tube that is in fluid communication with the catheter through the reservoir, a fluid flow direction extending from the at least one external tube, through the reservoir, and to the part of the catheter implanted in the patient;

a housing;

a lid closing the housing; and

a base integral to the housing and surrounding the housing, for fixation of the housing to skin of the patient, wherein

the housing comprises first and second chambers which communicate with each other through a passage between the first and second chambers,

the first chamber includes ~~an~~ a bottom wall opening ~~for passage of~~ through which the part of the catheter that is implanted in the patient passes,

the second chamber ~~accommodates a~~ includes a bottom wall,

the supporting base of the catheter and that includes ~~a~~ the reservoir is accommodated partially in the passage between the first and second chambers and partially in the second chamber,

the first end of the reservoir ~~has a first end connected to the catheter~~ is located at the first chamber in the passage and ~~a the second end connected to at least one external tube in fluid communication with the catheter~~ of the reservoir is located in the second chamber,

the supporting base of the catheter includes first and second wings respectively extending, transverse to the fluid flow direction, from opposite lateral faces of the supporting base, and

the lid includes, on an internal face, ~~two~~ first and second pads which penetrate into the second chamber and, when the lid is closed, the ~~two~~ first and second pads

respectively ~~bear on~~ contact the first and second wings, holding the supporting base of the catheter against ~~a~~ the bottom wall of the second chamber, and

hold the supporting base of the catheter bilaterally with respect to the bottom wall of the second chamber.

26. (New) The assembly according to Claim 1 wherein the lid is transparent for observing the catheter when the lid is closed.



27. (New) The assembly according to Claim 22 wherein the lid is transparent for observing the catheter when the lid is closed.

28. (New) The assembly according to Claim 23 wherein the lid is transparent for observing the catheter when the lid is closed.

29. (New) The assembly according to Claim 25 wherein the lid is transparent for observing the catheter when the lid is closed.